Vitali A Grinberg

List of Publications by Year
in descending order

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Version: 2024-02-01

44	241	1163065	1199563
papers	citations	8	12
		h-index	g-index

44	44	44	208
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanostructured catalysts for cathodes of oxygen-hydrogen fuel cells. Russian Journal of Electrochemistry, 2007, 43, 75-84.	0.9	19
2	Electrocatalytic biomass conversion into petrochemicals. Review. Protection of Metals and Physical Chemistry of Surfaces, 2013, 49, 32-39.	1.1	16
3	Tolerant-to-methanol cathodic electrocatalysts based on organometallic clusters. Russian Journal of Electrochemistry, 2008, 44, 187-197.	0.9	15
4	Carbon nanotubes as a support for Pt-and Pt-Ru-catalysts of reactions proceeding in fuel cells. Russian Journal of Electrochemistry, 2008, 44, 884-893.	0.9	14
5	Cyclometalated ruthenium complex as a promising sensitizer in dye-sensitized solar cells. Russian Journal of Electrochemistry, 2014, 50, 503-509.	0.9	12
6	Nanostructured catalysts for direct electrooxidation of dimethyl ether based on Bi- and trimetallic Ptâ€“Ru and Ptâ€“Ruâ€“Pd alloys prepared from coordination compounds. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2017, 43, 206-212.	1.0	12
7	CO oxidation at platinum-molybdenum electrodes. Russian Journal of Electrochemistry, 2008, 44, 303-312.	0.9	8
8	Direct borohydride oxidation electrocatalysts based on Ni-Ru/C and Ni-Ru-F/C alloys. Russian Journal of Electrochemistry, 2010, 46, 1289-1296.	0.9	8
9	Anodic trifluoromethylation of 10-undecylenic acid. Russian Journal of Electrochemistry, 2013, 49, 996-1000.	0.9	8
10	Development of methanolâ€“air fuel cells with membrane materials based on new sulfonated polyheteroarylenes. Russian Journal of Electrochemistry, 2016, 52, 525-532.	0.9	8
11	Photoelectrocatalytical Kolbe synthesis on thin film electrode of n-TiO2. Russian Journal of Electrochemistry, 2017, 53, 217-222.	0.9	8
12	Development of hydrogenâ€“air fuel cells with membranes based on sulfonated polyheteroarylenes. Russian Journal of Electrochemistry, 2017, 53, 86-91.	0.9	8
13	A cluster Pt-Sn-catalyst for the ethanol direct oxidation. Russian Journal of Electrochemistry, 2009, 45, 1321-1326.	0.9	7
14	CO and methanol oxidation at platinum-tin electrodes. Russian Journal of Electrochemistry, 2010, 46, 26-33.	0.9	7
15	Microfuel cells: Modern state and future development (Review). Russian Journal of Electrochemistry, 2010, 46, 963-978.	0.9	7
16	The Photoelectrochemical Activity of Titanium Dioxide Nanosized Films in the Visible Spectral Region. Protection of Metals and Physical Chemistry of Surfaces, 2018, 54, 51-57.	1.1	6
17	Nanostructured Platinum-Free Catalysts of Oxygen Reduction based on Metal Chalcogenide Cobalt Clusters. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2018, 44, 589-595.	1.0	6
18	Photoelectrochemical Activity of Nanosized Titania, Doped with Bismuth and Lead, in Visible Light Region. Protection of Metals and Physical Chemistry of Surfaces, 2019, 55, 55-64.	1.1	6

#	Article	IF	Citations
19	Pt-Mo/C, Pt-Fe/C and Pt-Mo-Sn/C Nanocatalysts Derived from Cluster Compounds for Proton Exchange Membrane Fuel Cells. Catalysts, 2022, 12, 255.	3.5	6
20	Synthesis, molecular structures, and properties of heterometallic cobalt tetramethylcyclobutadiene complexes (C4Me4)Co(CO)2TePh, (C4Me4)Co(CO)2TePh[W(CO)5], and Me4C4Co(Î¼3-S)2Cr2Cp2(Î¼-SC4H9). Russian Chemical Bulletin, 2007, 56, 1731-1735.	1.5	5
21	Synthesis of Cobalt-Iron Chalcogenide Clusters as Precursors for Catalysts of Oxygen Electroreduction in Alkali Media. European Journal of Inorganic Chemistry, 2020, 2020, 2055-2062.	2.0	5
22	Nanoscale catalysts based on platinum-ruthenium and platinum-ruthenium-tin alloys: Synthesis from appropriate metal complexes and the use in direct methanol electrooxidation. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2015, 41, 817-822.	1.0	4
23	Coordination compounds as the precursors for preparation of nanosized platinum or platinum-containing mixed-metal catalysts of oxygen reduction reaction. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2015, 41, 751-758.	1.0	4
24	Photoelectrocatalytic Oxidation of Formic Acid in the Visible Spectral Region on Films of Nanocrystalline Titanium Oxide Doped by Bismuth. Protection of Metals and Physical Chemistry of Surfaces, 2019, 55, 637-645.	1.1	4
25	Nanostructured cathodic catalysts for direct methanol fuel cells. Russian Journal of Electrochemistry, 2007, 43, 70-74.	0.9	3
26	Cyclodextrin and some its derivatives inclusion compounds with â€œIbuprofenâ€•remedy substrate. Russian Journal of General Chemistry, 2009, 79, 1167-1170.	0.8	3
27	Electrochemical fluorosulfation of organofluorine compounds. Russian Journal of Electrochemistry, 2010, 46, 843-870.	0.9	3
28	Synthesis and molecular structures of cyclopentadienyl sulfide complexes of chromium with cymantrenyl-thiolate bridging ligands. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2013, 39, 305-311.	1.0	3
29	Application of vegetable oils for electrocatalytic synthesis of hydrocarbons. Russian Journal of Electrochemistry, 2013, 49, 216-220.	0.9	3
30	Nanoscale Catalysts of Oxygen Reduction Based on Bimetallic Clusters in Hydrogenâ€“Air Fuel Cell Operating Conditions. Protection of Metals and Physical Chemistry of Surfaces, 2019, 55, 277-282.	1.1	3
31	Nanoscale catalyst based on a heterometallic carboxylate complex of platinum and iron for hydrogen-air fuel cells. Materials Chemistry and Physics, 2021, 259, 123968.	4.0	3
32	Synthesis and electrochemical behavior of inclusion complexes based on Î²-cyclodextrin and alkylaromatic compounds: Electrochemical carboxylation of the Î²-cyclodextrin-1-(4-isobutylphenyl)ethylchloride inclusion complex on a glassy-carbon cathode in anhydrous dimethylformamide. Russian Journal of Electrochemistry, 2007, 43, 1211-1218.	0.9	2
33	Anodic fluorination of azobenzene. Russian Journal of Electrochemistry, 2009, 45, 1306-1309.	0.9	2
34	Electrochemical oxidation of perfluorovaleric and perfluoro-2-propoxypropionic acids on different electrodes in the presence of unsaturated acceptors. Russian Journal of Electrochemistry, 2013, 49, 181-187.	0.9	2
35	Iron complex redox system as a mediator for a dye-sensitized solar cell. Russian Journal of Inorganic Chemistry, 2013, 58, 62-66.	1.3	2
36	Nanostructured Catalysts of Methanol Electrooxidation Based on Platinumâ€“Rutheniumâ€“Palladium and Platinumâ€“Rutheniumâ€“Iridium Alloys Derived from Coordination Compounds. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2018, 44, 738-744.	1.0	2

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37	Photoelectrocatalytic activity of In(iii)-modified TiO2 photoanodes in the visible spectrum region. New Journal of Chemistry, 2020, 44, 16200-16210.	2.8	2
38	Photoelectrocatalytic Degradation of Organic Compounds on Nanoscale Semiconductor Materials. Protection of Metals and Physical Chemistry of Surfaces, 2021, 57, 699-712.	1.1	2
39	Electrochemical behavior of heterometallic chalcogenide clusters. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2010, 36, 359-365.	1.0	1
40	Photoelectrochemical cells based on nanocrystalline TiO2 synthesized by high temperature hydrolysis of ammonium dihydroxodilactatotitanate(IV). Russian Journal of Electrochemistry, 2013, 49, 423-427.	0.9	1
41	Synthesis and photoelectrochemical properties of cyclometallated ruthenium(II) complex. Russian Journal of Inorganic Chemistry, 2014, 59, 658-664.	1.3	1
42	Electrochemical carboxylation of Î²-cyclodextrin/1-(3-phenoxyphenyl)-1-chloroethane inclusion complex on a glassy-carbon cathode in anhydrous dimethylformamide. Russian Journal of Electrochemistry, 2008, 44, 1397-1402.	0.9	0
43	10.1007/s11175-008-3007-0. , 2010, 44, 303.		0
44	10.1007/s11175-008-2005-6. , 2010, 44, 187.		0